



PATIENT

Timber Richardson

SPECIES

Canine

BREED

Dutch Shepherd

SEX

Male

AGE

5 Months

WEIGHT

40.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jill Rumachik

HOSPITAL NAME

Mazomanie AH

REFERRING VET

Dr. Ellen Richardson

INVOICE

37481

DATE

5/6/22

PRESENTING CLINICAL SIGNS

6 week history of diarrhea -- please see lab results/xrays
Abnormal PE/Chem/CBC/UA Results: 3/20/22: fecal: hookworm; coccidia -- dewormed 4/8/22: Diarrhea PCR to Idexx: C. difficile Toxin A/B Gene RealPCR - POSITIVE 4/28/22: GI panel to Idexx: - Cobalamine = 1,066 (normal: 284 - 836 ng/L) -Folate 20.9 (4.8 - 19.0 ug/L)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed mild micropolypoid changes. Minimal amount of urine present at the time of the sonogram. Urinalysis warranted to assess for evidence of UTI.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.4 cm. The right kidney measured 6.68 cm.

Adrenal Glands

The **left adrenal gland** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.50 cm.

The **right adrenal gland** was not visualized.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

The **stomach** revealed minor mucosal hypertrophy in the pyloric outflow. Empty lumen other than a minor amount of luminal fluid. The small intestine and colon were unremarkable. Curvilinear patterns were maintained. No evidence of intussusception or obstruction.



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Pancreas

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The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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Dutch Shepherd

ULTRASONOGRAPHIC FINDINGS

- Normal abdomen without evidence of obstruction or structural GI changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urinalysis warranted to assess for evidence of UTI.

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Radiographs: Intestinal bunching.

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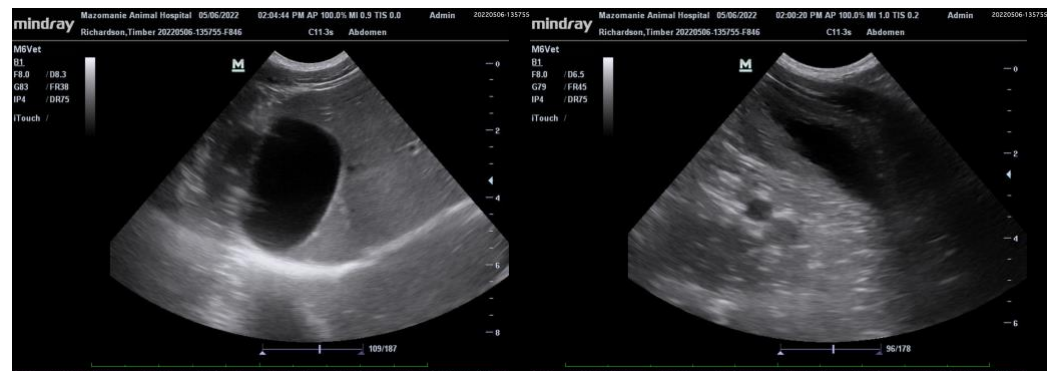
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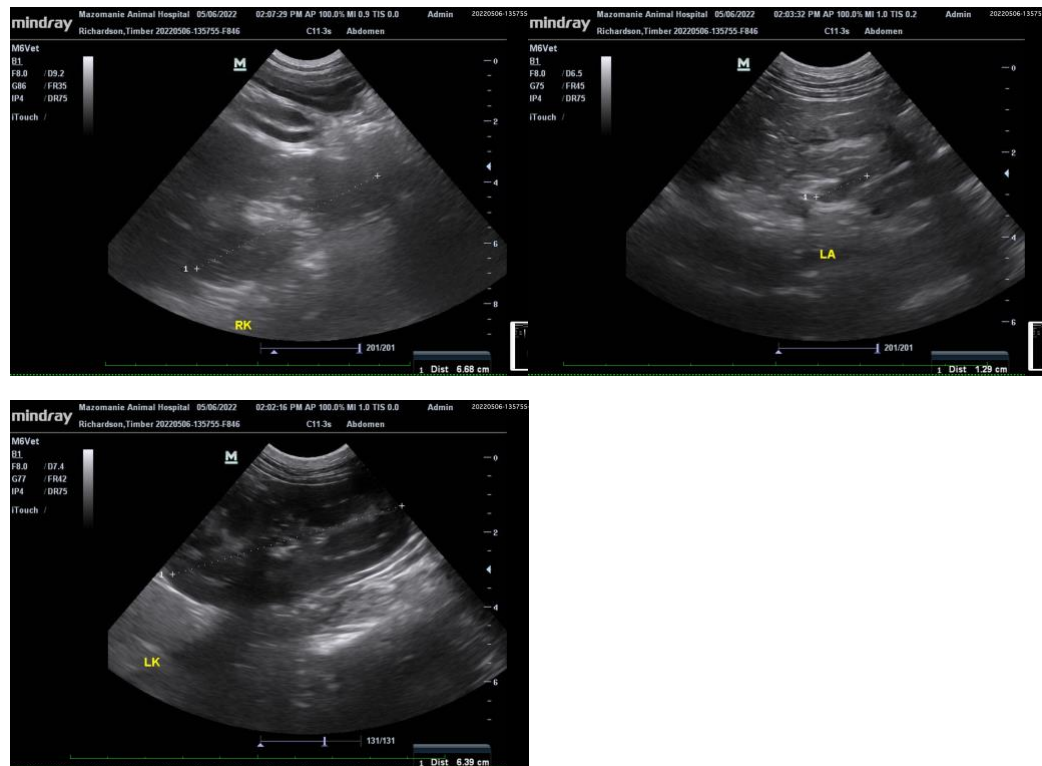
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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